

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 10-312311

(43)Date of publication of application : 24.11.1998

(51)Int.Cl.

G06F 11/26

G06F 17/50

(21)Application number : 09-122205

(71)Applicant : MITSUBISHI ELECTRIC CORP

(22)Date of filing : 13.05.1997

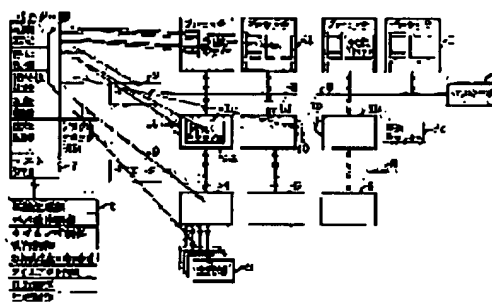
(72)Inventor : OMIYA YASUTO

(54) LOGICAL SIMULATION METHOD AND COMPUTER-READABLE RECORDING MEDIUM
RECORD WITH PROGRAM FOR IMPLEMENTING LOGICAL SIMULATION METHOD

(57)Abstract:

PROBLEM TO BE SOLVED: To shorten a development period and to decrease the total number of development days by specifying verifying operation conditions and a state value of a cache, setting a data value for a simulation model as an initial value in the beginning of a test, and comparing a final value with an expected value and confirming the adequacy of operation of a circuit to be verified.

SOLUTION: A monitor part 7 resets and internally sets a simulation model wherein a cache of (N)th order includes a cache of (N-1)th order according to an indication included in test data generated by a test generation part 6. Clock supply control and stop control, and expected value comparison after the completion of simulation and test result decision making by tests are performed. Here, operation conditions of operation used for verification and a state value of the cache are specified, the data value for the simulation model is set as an initial value in the beginning of each test so as to detect an operation error according to the state of the cache; and the final value of the test is compared with an expected value to confirm the adequacy of the operation of the circuit to be verified.



LEGAL STATUS

[Date of request for examination] 13.05.1997

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number] 3162321

[Date of registration] 23.02.2001

[Number of appeal against examiner's decision of rejection]

Searching PAJ

2/2 ページ

[Date of requesting appeal against examiner's
decision of rejection]

[Date of extinction of right]

23.02.2005

